

FIG. 1

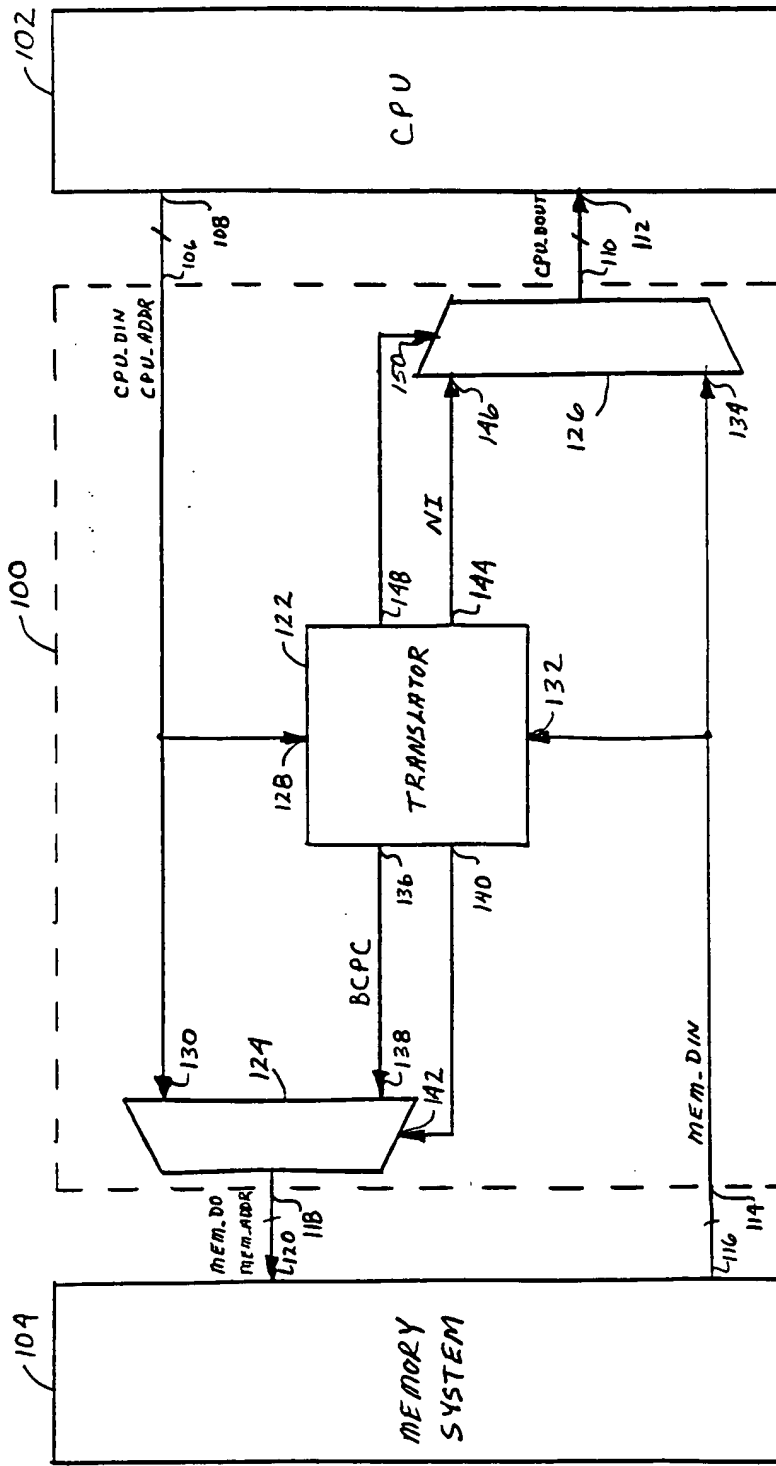


FIG. 2

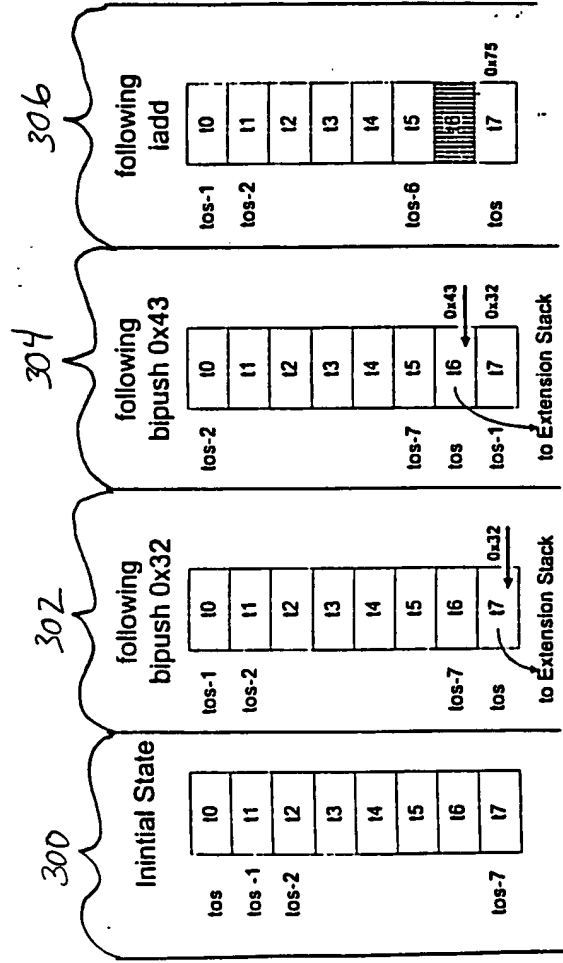


Figure 3 Stack Behavior

FIG. 4

002222T"96294260

bc
1

Fetch	Decode	Interpret	Synthesize
-------	--------	-----------	------------

bc
2

Fetch	Decode	Interpret	Synthesize
-------	--------	-----------	------------

bc
3

Fetch	Decode	Interpret	Synthesize
-------	--------	-----------	------------

FIG. 5

09746796-12200

350

352

354

	Cycle #1	Cycle #2	Cycle #3	Cycle #4	Cycle #5	Cycle #6	Cycle #7	Cycle #8	Cycle #9	Cycle #10
bcPC	00	04	08	36						
Fetch	00-03	04-07	08-11							
Decode		00	01-02	03-05	06-08					
Interpret			00	01-02	03-05	06-08				
Synth.				00	01-02	03-05	06-08			
Fetch				36-3A						
Decode					37					
PC					010	0211	032	0413	0521	0616
IR					0105	0211	0312	0412	0513	0614

FIG. 6

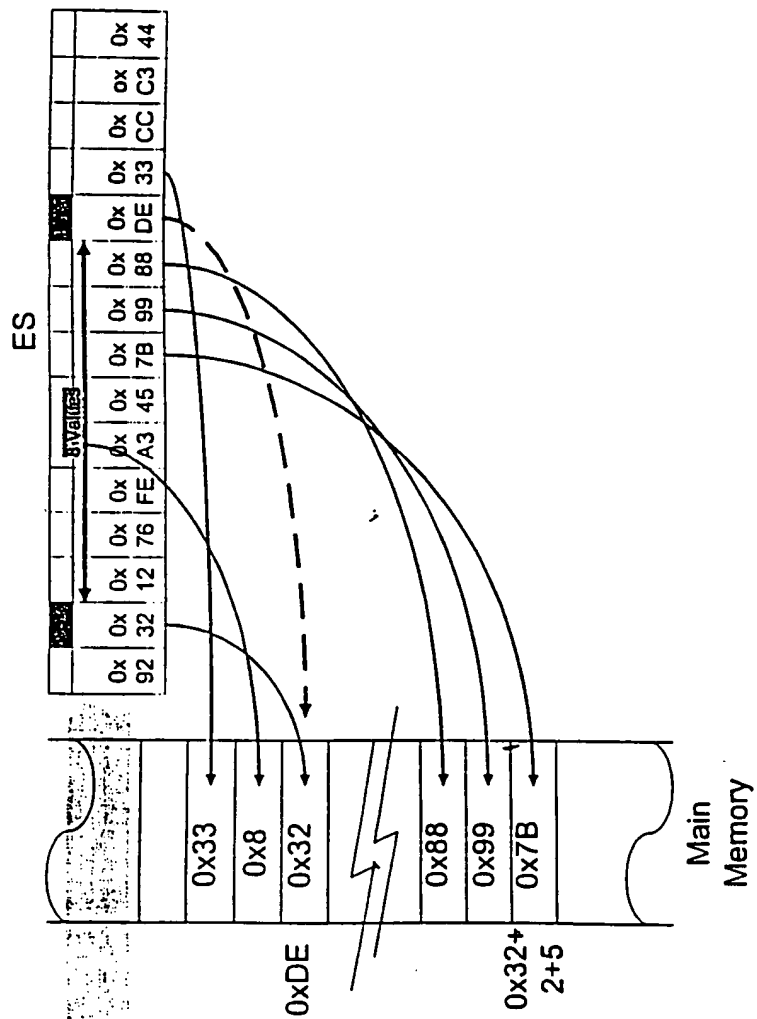


FIG. 7

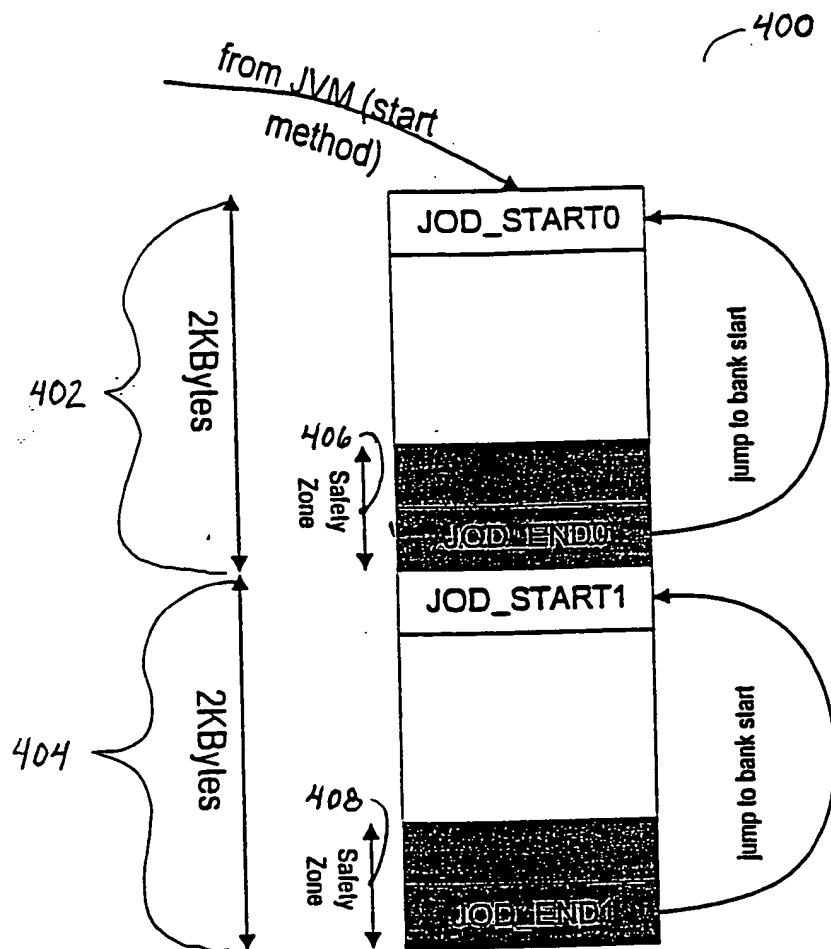


FIG. 8

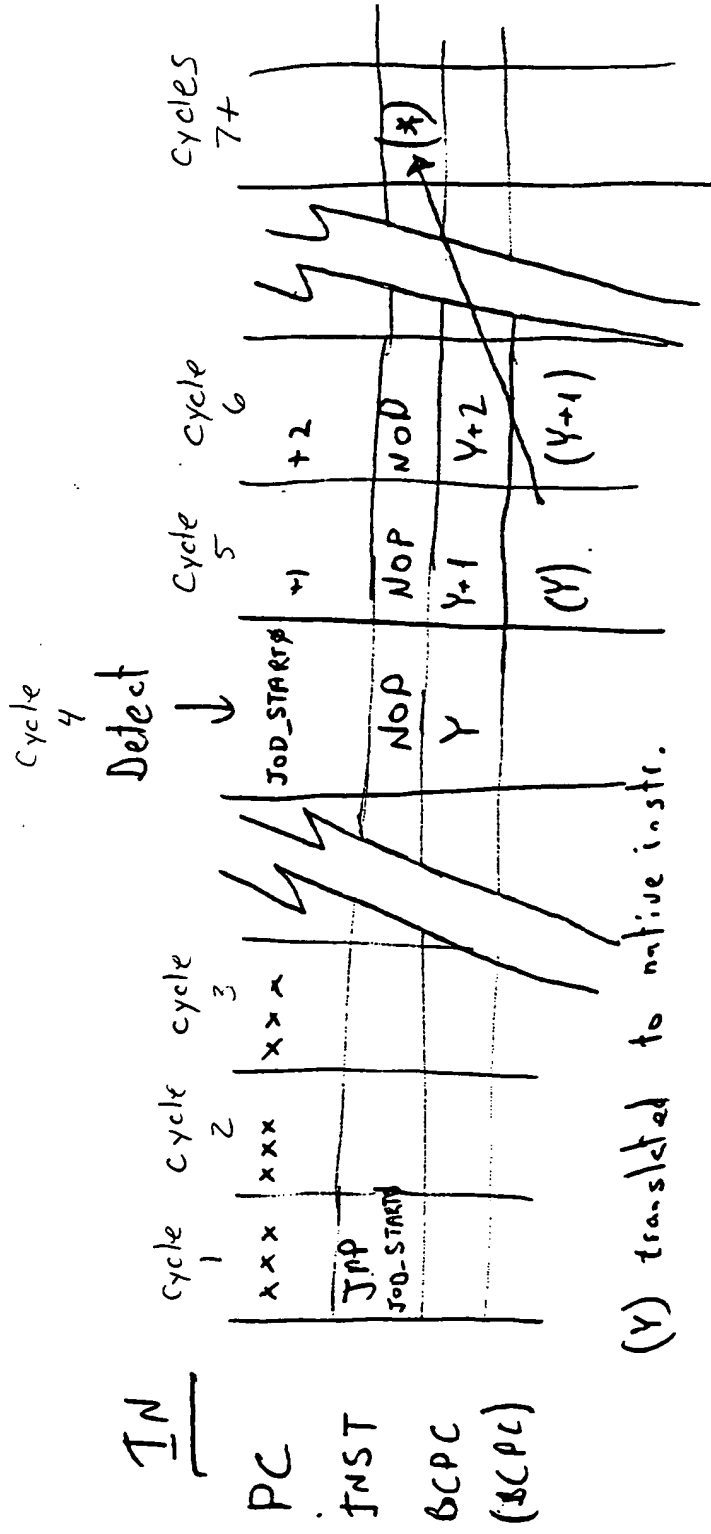


FIG. 9a

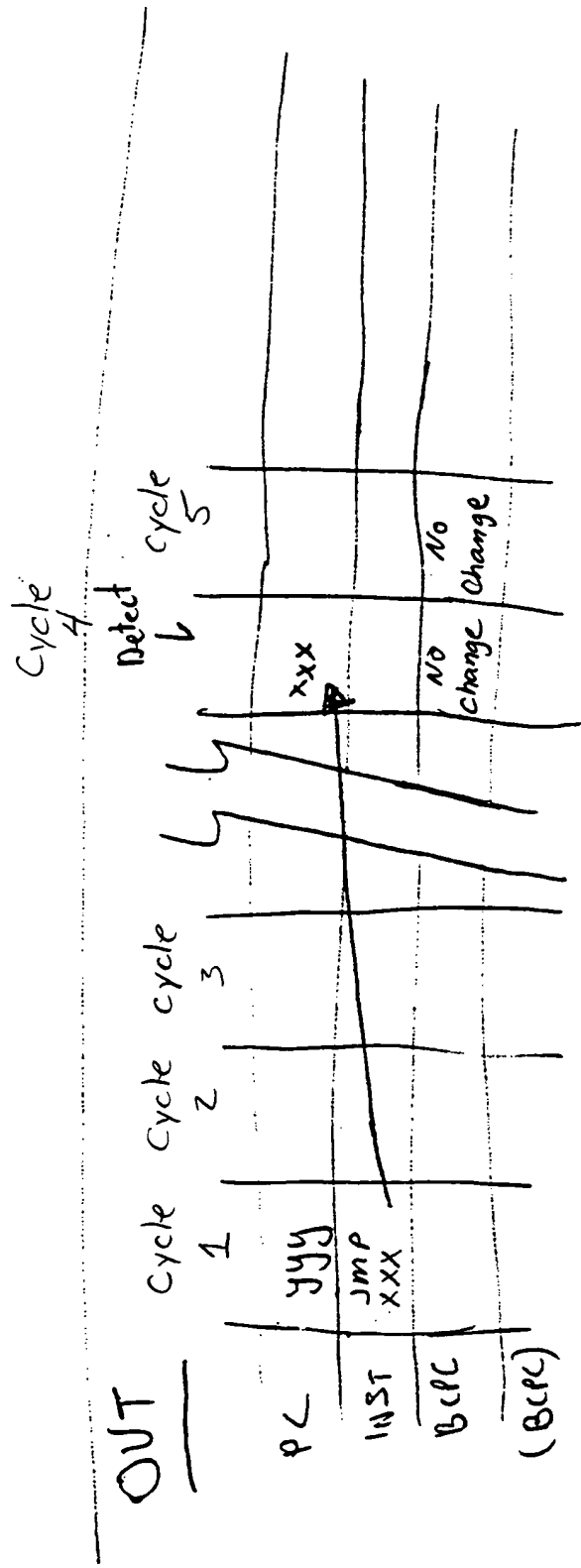


FIG. 9b

BC JUMP

detected discontinuity
= branch taken

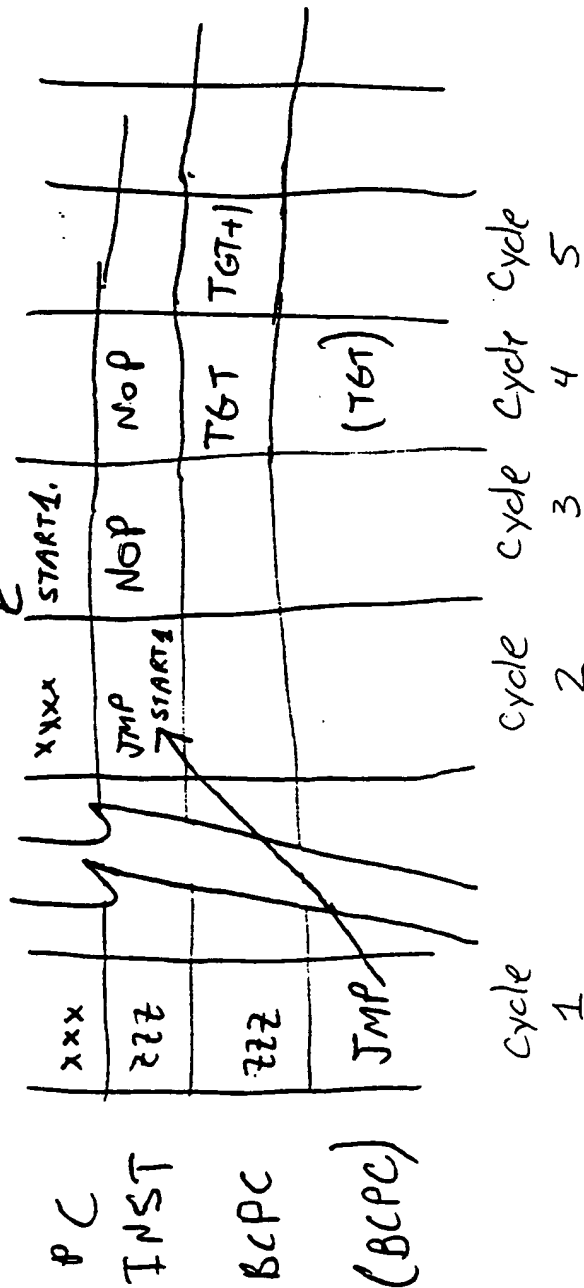


FIG. 10

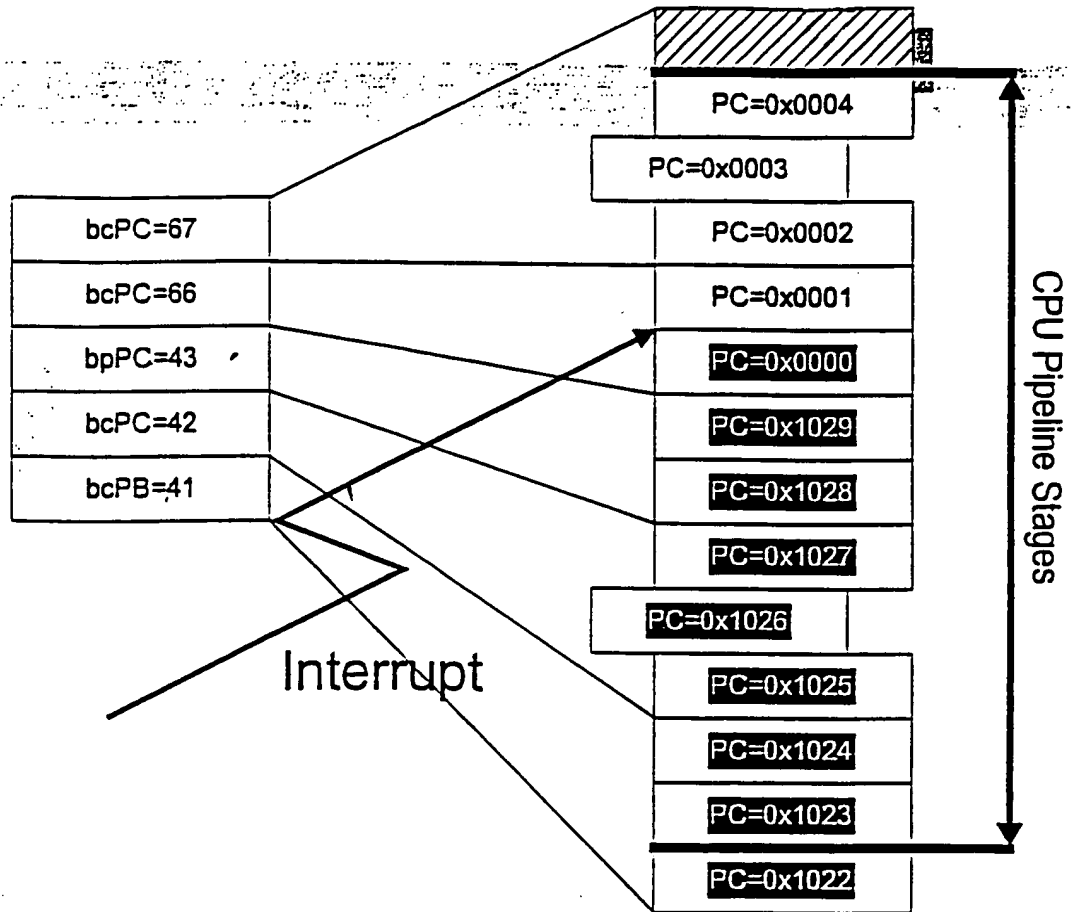


FIG. 11